



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D3488-4**  
**Job Sheet 187883**



Part No: D3488-4

Job Qty: 4 pcs

Part Name: Blade Fitting, RH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/19/18

Job Tracking No:

Due Date: 1/4/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DSK101 REV.D / D3488 REV.C IPP REV:A 18.11.09 NEW ISSUE DD VERF:JFS

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation  | Qty | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|------------|-----|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |            |     |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 100   | Doosan - 1 | 5   |            | 1/4/19   | 0.00      | 4.39    | Doosan - 1            |           |          |
|       |            | pcs |            |          |           |         |                       |           |          |
| 110   | QC 2       | 5   |            | 1/4/19   | 0.00      | 0.00    | QC 2 - 1              |           |          |
|       |            | pcs |            |          |           |         | QC 2 - 12             |           |          |
|       |            |     |            |          |           |         | QC 2 - 14             |           |          |
|       |            |     |            |          |           |         | QC 2 - 17             |           |          |
|       |            |     |            |          |           |         | QC 2 - 19             |           |          |
|       |            |     |            |          |           |         | QC 2 - 2              |           |          |
|       |            |     |            |          |           |         | QC 2 - 20             |           |          |
|       |            |     |            |          |           |         | QC 2 - 22             |           |          |
|       |            |     |            |          |           |         | QC 2 - 23             |           |          |
|       |            |     |            |          |           |         | QC 2 - 25             |           |          |
|       |            |     |            |          |           |         | QC 2 - 32             |           |          |
|       |            |     |            |          |           |         | QC 2 - 33             |           |          |
|       |            |     |            |          |           |         | QC 2 - 35             |           |          |
|       |            |     |            |          |           |         | QC 2 - 38             |           |          |
|       |            |     |            |          |           |         | QC 2 - 39             |           |          |
|       |            |     |            |          |           |         | QC 2 - 4              |           |          |
|       |            |     |            |          |           |         | QC 2 - 40             |           |          |
|       |            |     |            |          |           |         | QC 2 - 44             |           |          |
|       |            |     |            |          |           |         | QC 2 - 45             |           |          |
|       |            |     |            |          |           |         | QC 2 - 48             |           |          |
|       |            |     |            |          |           |         | QC 2 - 49             |           |          |
|       |            |     |            |          |           |         | QC 2 - 50             |           |          |
|       |            |     |            |          |           |         | QC 2 - 51             |           |          |
|       |            |     |            |          |           |         | QC 2 - 52             |           |          |
|       |            |     |            |          |           |         | QC 2 - 54             |           |          |
|       |            |     |            |          |           |         | QC 2 - 56             |           |          |
|       |            |     |            |          |           |         | QC 2 - 57             |           |          |
|       |            |     |            |          |           |         | QC 2 - 62             |           |          |
|       |            |     |            |          |           |         | QC 2 - 63             |           |          |



Container No: S147798



Part: D3488-4  
Job No: 187883  
Serial No/Batch: S147798  
Revision: D/C  
Inspector:  
Exp Date:  
Instructions:

Dart Aerospace Ltd.  
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CANADA  
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Email: sales@dartaero.com  
www.dartaerospace.com

Date: 01/24/19

|                                    |          |        |           |                          |             |
|------------------------------------|----------|--------|-----------|--------------------------|-------------|
| 120 HAAS 4 Axis - B4B              | 5<br>pcs | 1/4/19 | 0.11 3.43 | QC 2 - 8                 |             |
|                                    |          |        |           | HAAS - 1 - B4B           |             |
|                                    |          |        |           | HAAS - 2 - B4B           |             |
|                                    |          |        |           | HAAS - 3 - B4B           | mx 19/01/31 |
|                                    |          |        |           | HAAS - 4 - B4B           |             |
| 130 QC 2                           | 5<br>pcs | 1/4/19 | 0.00 0.00 | QC 2 - 1                 |             |
|                                    |          |        |           | QC 2 - 12                |             |
|                                    |          |        |           | QC 2 - 14                | mx 19/01/31 |
|                                    |          |        |           | QC 2 - 17                |             |
|                                    |          |        |           | QC 2 - 19                |             |
|                                    |          |        |           | QC 2 - 2                 |             |
|                                    |          |        |           | QC 2 - 20                |             |
|                                    |          |        |           | QC 2 - 22                |             |
|                                    |          |        |           | QC 2 - 23                |             |
|                                    |          |        |           | QC 2 - 25                |             |
|                                    |          |        |           | QC 2 - 32                |             |
|                                    |          |        |           | QC 2 - 33                |             |
|                                    |          |        |           | QC 2 - 35                |             |
|                                    |          |        |           | QC 2 - 38                |             |
|                                    |          |        |           | QC 2 - 39                |             |
|                                    |          |        |           | QC 2 - 4                 |             |
|                                    |          |        |           | QC 2 - 40                |             |
|                                    |          |        |           | QC 2 - 44                |             |
|                                    |          |        |           | QC 2 - 45                |             |
|                                    |          |        |           | QC 2 - 48                |             |
|                                    |          |        |           | QC 2 - 49                |             |
|                                    |          |        |           | QC 2 - 50                |             |
|                                    |          |        |           | QC 2 - 51                |             |
|                                    |          |        |           | QC 2 - 52                |             |
|                                    |          |        |           | QC 2 - 54                |             |
|                                    |          |        |           | QC 2 - 56                |             |
|                                    |          |        |           | QC 2 - 57                |             |
|                                    |          |        |           | QC 2 - 62                |             |
|                                    |          |        |           | QC 2 - 63                |             |
|                                    |          |        |           | QC 2 - 8                 |             |
| 140 QC 8                           | 5<br>pcs | 1/4/19 | 0.00 0.00 | QC 8 - 12                |             |
|                                    |          |        |           | QC 8 - 14                |             |
|                                    |          |        |           | QC 8 - 17                |             |
|                                    |          |        |           | QC 8 - 20                |             |
|                                    |          |        |           | QC 8 - 25                |             |
|                                    |          |        |           | QC 8 - 3                 |             |
|                                    |          |        |           | QC 8 - 32                |             |
|                                    |          |        |           | QC 8 - 33                |             |
|                                    |          |        |           | QC 8 - 35                |             |
|                                    |          |        |           | QC 8 - 38                |             |
|                                    |          |        |           | QC 8 - 39                |             |
|                                    |          |        |           | QC 8 - 4                 |             |
|                                    |          |        |           | QC 8 - 44                |             |
|                                    |          |        |           | QC 8 - 45                |             |
|                                    |          |        |           | QC 8 - 49                |             |
|                                    |          |        |           | QC 8 - 58                | mx 19/02/06 |
|                                    |          |        |           | QC 8 - 8                 |             |
|                                    |          |        |           | QC 8 - 9                 |             |
|                                    |          |        |           | QC 8 - 68                |             |
|                                    |          |        |           | QC 8 - 67                |             |
|                                    |          |        |           | QC 8 - 1 (A)             |             |
| 150 Handfinish - 1-1 Chemical- B4B | 5<br>pcs | 1/4/19 | 0.00 0.15 | Handfinish - 1 - 1 - B4B |             |
|                                    |          |        |           | Handfinish - 1 - 2 - B4B |             |
|                                    |          |        |           | Handfinish - 1 - 3 - B4B |             |

|                                    |       |        |           |                           |            |
|------------------------------------|-------|--------|-----------|---------------------------|------------|
|                                    |       |        |           | Handfinish - 1 - 4 - B4B  |            |
|                                    |       |        |           | Handfinish - 1 - 5 - B4B  |            |
|                                    |       |        |           | Handfinish - 1 - 6 - B4B  |            |
|                                    |       |        |           | Handfinish - 1 - 7 - B4B  |            |
|                                    |       |        |           | Handfinish - 1 - 8 - B4B  |            |
|                                    |       |        |           | Handfinish - 1 - 9 - B4B  |            |
|                                    |       |        |           | Handfinish - 1 - 10 - B4B | DR19/2/7   |
|                                    |       |        |           | Handfinish - 1 - 11 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 12 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 13 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 14 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 15 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 16 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 17 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 18 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 19 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 20 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 21 - B4B |            |
|                                    |       |        |           | Handfinish - 1 - 22 - B4B |            |
| 160 Powdercoat - 1 White GI(A)-B4B | 5 pcs | 1/4/19 | 0.00 0.18 | Powdercoat - 1 - B4B      |            |
|                                    |       |        |           | Powdercoat - 2 - B4B      | BE19-02-07 |
|                                    |       |        |           | Powdercoat - 3 - B4B      |            |
|                                    |       |        |           | Powdercoat - 4 - B4B      |            |
| 170 QC 3                           | 5 pcs | 1/4/19 | 0.00 0.00 | QC 3 - 10                 |            |
|                                    |       |        |           | QC 3 - 13                 |            |
|                                    |       |        |           | QC 3 - 15                 | PL 19-2-8  |
|                                    |       |        |           | QC 3 - 17                 |            |
|                                    |       |        |           | QC 3 - 18                 |            |
|                                    |       |        |           | QC 3 - 2                  |            |
|                                    |       |        |           | QC 3 - 26                 |            |
|                                    |       |        |           | QC 3 - 28                 |            |
|                                    |       |        |           | QC 3 - 3                  |            |
|                                    |       |        |           | QC 3 - 30                 |            |
|                                    |       |        |           | QC 3 - 34                 |            |
|                                    |       |        |           | QC 3 - 36                 |            |
|                                    |       |        |           | QC 3 - 38                 |            |
|                                    |       |        |           | QC 3 - 41                 |            |
|                                    |       |        |           | QC 3 - 51                 |            |
|                                    |       |        |           | QC 3 - 58                 |            |
|                                    |       |        |           | QC 3 - 59                 |            |
|                                    |       |        |           | QC 3 - 6                  |            |
|                                    |       |        |           | QC 3 - 68                 |            |
|                                    |       |        |           | QC 3 - 9                  |            |
| 200 Packaging 3-1 - Stock - B4B    | 5 pcs | 1/4/19 | 0.00 0.00 | Packaging 3 - 1 - B4B     |            |
|                                    |       |        |           | Packaging 3 - 2 - B4B     |            |
|                                    |       |        |           | Packaging 3 - 3 - B4B     |            |
|                                    |       |        |           | Packaging 3 - 4 - B4B     |            |
|                                    |       |        |           | Packaging 3 - 5 - B4B     |            |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  |                        |                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------|------------------|------------------------|-----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 6 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 7 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 8 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 9 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 10 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 11 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 12 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 13 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 14 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 15 - B4B | FP-001          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 16 - B4B | XL 19-2-2       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 17 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 18 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 19 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 20 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 21 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 22 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 23 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 24 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 25 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 26 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 27 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 28 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 29 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 30 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 31 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 32 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 33 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 34 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 35 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                 |                  | Packaging 3 - 36 - B4B |                 |
| 210 QC 21 - SA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5                      | 1/4/19          | 0.00 0.00        | QC 21 - SA - 21        | DAS FEB 08 2019 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | pcs                    |                 |                  | QC 21 - SA - 70        | 21              |
| Part Op 100 - Doosan (Doosan Lathe) 1-Turn as per Dwg DSK 101 & Folio FC492<br>Descriptions: 110 - QC2 Machining-2 (QC2- Inspect parts off machine FAI/FAIB)<br>120 - HAAS1-3 (HAAS CNC Vertical Machine) 1-Machine as per Folio FA627 & Dwg D3488<br>130 - QC2 Machining-2 (QC2- Inspect parts off machine FAI/FAIB)<br>140 - QC8 Machining-2 (QC8- Inspect parts - second check)<br>150 - HandFinish1 (Chemical Conversion Coat per QSI005 4.1)<br>M138997. 320" 160 - Powdercoat1 (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum) START TIME: 9:20 FINISH TIME: 9:50 OVEN TEMPERATURE:<br>170 - QC3 (QC3- Inspect Part Finish)<br>200 - Packaging3-1 (Identify as per dwg & Stock Location: FP-001) LOCATION : FP001<br>210 - QC21 (QC21- Final Inspection - Work Order Release) |                        |                 |                  |                        |                 |
| <b>Job BOM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                 |                  |                        |                 |
| <b>Part / Item</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Component Name</b>  | <b>Quantity</b> | <b>Operation</b> | <b>Container</b>       |                 |
| D6103-003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Round Billet, Aluminum | 5 pcs (1 ea)    | 100-Doosan - 1   | 12TOP5 X5              |                 |
| <b>Job Allocations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                 |                  |                        |                 |
| <b>Operation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Component Part</b>  | <b>Required</b> | <b>Inventory</b> | <b>Allocated</b>       |                 |
| 100-Doosan - 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | D6103-003              | 5               | 33               | 0                      |                 |
| <b>Part Specifications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                 |                  |                        |                 |
| Specifications could not be found.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                 |                  |                        |                 |



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Canada

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Fax 613 632-5246

**D3488-4**  
**Job Sheet 187883**



Part No: D3488-4

Job Qty: 5 ea

Part Name: Blade Fitting, RH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/19/18

Job Tracking No:

Due Date: 1/4/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DSK101 REV.D / D3488 REV.C IPP REV:A 18.11.09 NEW ISSUE DD VERF:JFS

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation              | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|------------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |                        |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 90    | Start up Operation     | 5 Ea  |            | 1/4/19   | 0.00      | 0.00    | Start Up Machining-2  |           |          |
| 100   | Doosan                 | 5 pcs |            | 1/4/19   | 0.00      | 4.39    | Doosan                |           |          |
| 110   | QC                     | 5 pcs |            | 1/4/19   | 0.00      | 0.00    | QC2 Machining-2       |           |          |
| 120   | CNC Vertical Machining | 5 pcs |            | 1/4/19   | 0.11      | 3.43    | HAAS1-3               |           |          |
| 130   | QC                     | 5 pcs |            | 1/4/19   | 0.00      | 0.00    | QC2 Machining-2       |           |          |
| 140   | QC                     | 5 pcs |            | 1/4/19   | 0.00      | 0.00    | QC8 Machining-2       |           |          |
| 150   | HandFinish             | 5 pcs |            | 1/4/19   | 0.00      | 0.15    | HandFinish1           |           |          |
| 160   | Powdercoat             | 5 pcs |            | 1/4/19   | 0.00      | 0.18    | Powdercoat1           |           |          |
| 170   | QC                     | 5 pcs |            | 1/4/19   | 0.00      | 0.00    | QC3                   |           |          |
| 200   | Packaging              | 5 pcs |            | 1/4/19   | 0.00      | 0.00    | Packaging3-1          |           |          |
| 210   | QC21-SA                | 5 Ea  |            | 1/4/19   | 0.00      | 0.00    | QC21                  |           |          |

Part Op 100 - 1-Turn as per Dwg DSK 101 & Folio FC492

Descriptions: 120 - 1-Machine as per Folio FA627 & Dwg D3488

160 - START TIME: \_\_\_\_\_ OVEN TEMPERATURE: \_\_\_\_\_ FINISH TIME: \_\_\_\_\_

200 - LOCATION : FP001

### Job BOM

| Part / Item | Component Name         | Quantity    | Operation             | Container |
|-------------|------------------------|-------------|-----------------------|-----------|
| D6103-003   | Round Billet, Aluminum | 5 Ea (1 ea) | 90-Start up Operation |           |

### Job Allocations

| Operation             | Component Part | Required | Inventory | Allocated |
|-----------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation | D6103-003      | 5        | 22        | 0         |

### Part Specifications

Specifications could not be found.



Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |              |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |              |  |
| Date : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Sequence #: _____                                                                                                                 | QTY Affected : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | MRB (QSI042) |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Disposition            |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Completed By           |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead hand / Supervisor |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | QC / QA Coordinator    |              |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |                        |              |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |              |  |

|                                                                       |                     |                    |
|-----------------------------------------------------------------------|---------------------|--------------------|
| <b>DART AEROSPACE LTD</b>                                             | <b>Work Order:</b>  | 187883             |
| <b>Description:</b> Blade Fitting, RH / Turning Detail for D3488-1/-2 | <b>Part Number:</b> | D3488-4            |
| <b>Inspection Dwg:</b> D3488 / DSK101 <b>Rev:</b> C / D               |                     | <b>Page 1 of 2</b> |

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article    ☐ Prototype

| Drawing Dimension | Tolerance                | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|--------------------------|------------------|--------|--------|----------------------|----------|
| Lathe Section     |                          |                  |        |        |                      |          |
| Ø2.150            | +/-0.005                 | 2.152            |        |        |                      |          |
| Ø2.780            | +/-0.005                 | 2.779            |        |        |                      |          |
| Ø3.125            | +/-0.010                 | 3.124            |        |        |                      |          |
| Ø3.346            | +/-0.010                 | 3.3465           |        |        |                      |          |
| 0.125 x 45°       | +/-0.010 x +/-0.1°       | 120 x 45°        |        |        |                      |          |
| 8.000             | +0.030/-0.000            | 8.008            |        |        |                      |          |
| 9.250             | +/-0.010                 | 9.251            |        |        |                      |          |
| 0.188             | +/-0.010                 | .188             |        |        |                      |          |
| R0.032            | +/-0.010                 | R.032            |        |        |                      |          |
| R0.062            | +/-0.010                 | R.062            |        |        |                      |          |
| <del>Ø0.297</del> | <del>+0.005/-0.001</del> | X                |        |        |                      |          |
| <del>Ø0.430</del> | <del>+/-0.010</del>      |                  |        |        |                      |          |
| <del>0.100</del>  | <del>+/-0.010</del>      |                  |        |        |                      |          |
| 0.200             | +/-0.010                 | .197             |        |        |                      |          |
| 2.620             | +/-0.010                 | 2.619            |        |        |                      |          |
| <del>3.500</del>  | <del>+/-0.010</del>      | X                |        |        |                      |          |
| <del>1.005</del>  | <del>+/-0.010</del>      |                  |        |        |                      |          |
| Ø0.484            | +0.005/-0.001            | .486             |        |        |                      |          |
| 1.180             | +/-0.010                 | 1.180            |        |        |                      |          |
| 3.150             | +/-0.010                 | 3.150            |        |        |                      |          |
| 3.070             | +/-0.010                 | 3.065            |        |        |                      |          |
| R0.063            | +/-0.010                 | R.063            |        |        |                      |          |
|                   |                          |                  |        |        |                      |          |
|                   |                          |                  |        |        |                      |          |



|                                                                       |                     |                    |
|-----------------------------------------------------------------------|---------------------|--------------------|
| <b>DART AEROSPACE LTD</b>                                             | <b>Work Order:</b>  | 187883             |
| <b>Description:</b> Blade Fitting, RH / Turning Detail for D3488-1/-2 | <b>Part Number:</b> | D3488-2-4          |
| <b>Inspection Dwg:</b> D3488 / DSK101 <b>Rev:</b> C / D               |                     | <b>Page 2 of 2</b> |

| Drawing Dimension | Tolerance           | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|---------------------|------------------|--------|--------|----------------------|----------|
| Milling Section   |                     |                  |        |        |                      |          |
| Ø0.508            | +0.006/-0.001       | Ø.508            | ✓      |        | Vern HL-08           |          |
| 0.750             | +/-0.010            | .750             | ✓      |        | "                    |          |
| 1.500             | +/-0.010            | 1.500            | ✓      |        | "                    |          |
| 11.18             | +/-0.030            | 11.778           | ✓      |        | H-G                  |          |
| R0.062            | +/-0.010            | R.062            | ✓      |        | R-G                  |          |
| 0.125             | +/-0.010            | Ø.125            | ✓      |        | Vern HL-08           |          |
| <del>0.590</del>  | <del>+/-0.010</del> |                  |        |        |                      |          |
| 0.793             | +/-0.010            | .802             | ✓      |        | }                    |          |
| 1.351             | +/-0.010            | 1.349            | ✓      |        |                      |          |
| 1.317             | +/-0.010            | 1.320            | ✓      |        |                      |          |
| 1.802             | +/-0.010            | 1.800            | ✓      |        |                      |          |
|                   |                     |                  |        |        |                      |          |
|                   |                     |                  |        |        |                      |          |
|                   |                     |                  |        |        |                      |          |

|                                 |                                |                            |     |
|---------------------------------|--------------------------------|----------------------------|-----|
| <b>Measured by:</b> [Signature] | <b>Audited by:</b> [Signature] | <b>Prototype Approval:</b> | N/A |
| <b>Date:</b> 19/01/14           | <b>Date:</b> 19/02/06          | <b>Date:</b>               | N/A |

| Rev | Date     | Change                           | Revised by     | Approved    |
|-----|----------|----------------------------------|----------------|-------------|
| A   | 06.03.31 | New Issue                        | KJ/JLM         |             |
| B   | 08.09.19 | Reformat P/O D3488-042           | KJ/JLM         |             |
| C   | 08.12.02 | Dimension 8.000 removed          | KJ/JLM         |             |
| D   | 18.11.22 | Dimension 0.125 changed to 0.200 | MB [Signature] | [Signature] |